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Board of Public Education
2003 Iowa Test Results
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In 2003, as in 2001 and 2002, Montana students demonstrated high achievement, scoring above the national norm group in all grades and subjects. Grade eight scores continue to be slightly lower than grades four and eleven, and science continues to be the subject in which students in all grades and most disaggregations score highest.

In addition, the results are relatively stable for over the three years across the state and within disaggregations. The number and range of increases and decreases in the National Percentile Rank for grades, subjects, and disaggregations are small as are the increases and decreases in differences between groups within disaggregations.

The preliminary report presented to the Board of Public Education in July and the detailed report in the binder contain details according to grade, subject, disaggregation, and district size category. In addition, results of instruments other than the Iowa Tests are presented. The binder report is organized and presented according to recommendations from the Board of Public Education and the Board of Public Education Assessment Advisory Committee and follows the format of the 2001 and 2002 reports.

This report is intended to give a preview of the results, a broad view of the student groups in Montana, and a comparison of the test results for 2001, 2002, and 2003. It is recognized that different students participated in the testing each year.

Two tables follow:

- Table 1: National Percentile Rank Changes from 2001, 2002, to 2003 Iowa Test Results Disaggregations--shows scores increases and decreases for each grade, subject, and disaggregation. The information is color-coded:
 - Yellow = Score Increase □
 - Blue = Score Decrease □
 - No Color = No Change
 - Number Only Colored = 2 or less point increase/decrease
 - Whole Square Colored = over 2 point increase/decrease
- Table 2: Changes in National Percentile Rank Differences within Disaggregations from 2002 to 2003--shows score differences (gaps between subgroups within a disaggregation) within disaggregations for each grade, subject, and subgroup. Differences of three (3) or more percentage points are reported.
 - Green = Difference Increase □
 - Pink = Difference Decrease □

**Table 1: National Percentile Rank Changes from 2001, 2002, and 2003 Iowa Test Results
Disaggregations (Yellow = Score Increase □ ; Blue = Score Decrease □)**

	Read	LA	Math	Soc. St.	Sci.	Read	LA	Math	Soc. St.	Sci.	Read	LA	Math	Soc. St.	Sci.
Grade	4	4	4	4	4	8	8	8	8	8	11	11	11	11	11
All Students 01	66%	68%	62%	67%	71%	60%	57%	57%	62%	64%	66%	62%	61%	66%	70%
All Students 02	66%	67%	62%	68%	69%	60%	57%	58%	60%	64%	67%	62%	61%	67%	71%
All Students 03	67%	68%	64%	69%	70%	59%	57%	59%	59%	64%	67%	61%	62%	66%	70%
Students Without Disabilities 01	69%	71%	66%	70%	72%	64%	60%	60%	65%	67%	69%	64%	64%	69%	72%
Students Without Disabilities 02	69%	70%	65%	71%	71%	64%	61%	62%	63%	68%	70%	65%	64%	69%	73%
Students Without Disabilities 03	70%	71%	67%	71%	72%	63%	61%	63%	62%	67%	70%	64%	65%	69%	73%
Students With Disabilities 01	32%	33%	31%	41%	50%	25%	26%	25%	26%	36%	26%	27%	26%	32%	32%
Students With Disabilities 02	32%	31%	31%	42%	46%	25%	22%	23%	32%	34%	28%	28%	26%	32%	34%
Students With Disabilities 03	34%	35%	35%	46%	51%	25%	22%	24%	32%	35%	29%	28%	28%	32%	34%
Female Students 01	67%	72%	60%	66%	70%	60%	62%	58%	62%	65%	68%	69%	60%	69%	72%
Female Students 02	67%	71%	61%	67%	68%	62%	64%	59%	60%	66%	69%	69%	61%	69%	73%
Female Students 03	68%	72%	63%	69%	70%	62%	64%	60%	59%	66%	70%	69%	62%	69%	73%
Male Students 01	66%	64%	62%	70%	72%	60%	52%	57%	63%	63%	64%	55%	62%	64%	67%
Male Students 02	65%	63%	63%	69%	70%	59%	50%	57%	59%	63%	65%	55%	62%	65%	68%
Male Students 03	66%	63%	64%	70%	70%	57%	49%	58%	58%	62%	65%	54%	63%	63%	68%
Native American Students 01	44%	49%	40%	48%	50%	36%	41%	33%	35%	42%	41%	42%	41%	46%	51%
Native American Students 02	44%	48%	40%	48%	49%	35%	35%	32%	39%	41%	41%	43%	39%	46%	48%
Native American Students 03	44%	46%	41%	47%	48%	37%	38%	36%	41%	43%	40%	42%	40%	44%	46%
White Students 01	69%	70%	66%	71%	73%	64%	59%	60%	65%	67%	69%	63%	63%	68%	71%
White Students 02	69%	70%	65%	71%	72%	64%	60%	62%	63%	68%	70%	64%	63%	69%	72%
White Students 03	70%	70%	67%	72%	73%	63%	60%	63%	62%	67%	70%	64%	65%	68%	73%
Students on Free/Reduced Lunch 01	54%	57%	51%	57%	59%	47%	48%	45%	47%	53%	51%	49%	49%	54%	58%
Students on Free/Reduced Lunch 02	53%	55%	50%	57%	58%	47%	44%	45%	48%	53%	52%	49%	48%	54%	58%
Students on Free/Reduced Lunch 03	54%	56%	53%	58%	60%	46%	44%	45%	47%	52%	53%	50%	61%	54%	59%
Students with Limited English Proficiency 02*	27%	35%	29%	32%	35%	22%	27%	24%	30%	32%	32%	36%	34%	38%	40%

Students with Limited English Proficiency 03*	27%	31%	29%	30%	33%	21%	25%	21%	29%	29%	30%	35%	36%	38%	41%
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Table 2: Changes in National Percentile Rank Differences within Disaggregations from 2002 to 2003 (changes of three (3) or more percentage points)

Grade	Subject	Subgroup	2002	2003	Difference Change 02 to 03
4	L Arts	Disabilities	Without: 70% With: 31%	Without: 71% With: 35%	-3
4	L Arts	LEP	All: 67% LEP: 35%	All: 68% LEP: 31%	+5
4	SS	Disabilities	Without: 71% With: 42%	Without: 71% With: 46%	-4
4	SS	LEP	All: 68% LEP: 32%	All: 69% LEP: 30%	+3
4	SC	Disabilities	Without: 71% With: 46%	Without: 72% With: 51%	-4
4	SC	LEP	All: 69% LEP: 35%	All: 70% LEP: 33%	+3
8	Reading	Ethnicity	NatAm: 35% White: 64%	NatAm: 37% White: 63%	-3
8	L Arts	Ethnicity	NatAm: 35% White: 60%	NatAm: 38% White: 60%	-3
8	Math	Ethnicity	NatAm: 32% White: 62%	NatAm: 36% White: 63%	-3
8	Math	LEP	All: 58% LEP: 24%	All: 59% LEP: 21%	+4
8	SS	Ethnicity	NatAm: 39% White: 63%	NatAm: 41% White: 62%	-3
8	SC	Ethnicity	NatAm: 41% White: 68%	NatAm: 43% White: 67%	-3
8	SC	LEP	All: 64% LEP: 32%	All: 64% LEP: 29%	+3
11	Math	Free/reduced	All: 61% F/R: 48%	All: 62% F/R: 61%	-12
11	SC	Ethnicity	NatAm: 48% White: 72%	NatAm: 46% White: 73%	+3

Pink = Decrease □

Green = Increase □